

TITLE V INDICATOR TEMPLATES

INDICATOR: Teen births

DEFINITION: The number of live births per 1,000 adolescent females by age at delivery (less than 15 years of age, 15 to 17 years of age, and 18 to 19 years of age)

NUMERATOR: The total number of live births among adolescent females, by age group (less than 15, 15 to 17, 18 to 19), by place of residence, in a calendar year

DENOMINATOR: The total number of adolescent females by age group (less than 15, 15 to 17, 18 to 19), by place of residence, in a calendar year

HEALTHY PEOPLE 2000 OBJECTIVE:

Reduce pregnancies among girls aged 17 and younger to no more than 50 per 1,000 adolescents. (Baseline: 71.1 pregnancies per 1,000 girls aged 15 through 17 in 1985) (Objective 5.1)*

RISK FACTORS: Low income; low maternal education level; race/ethnicity (African American, Hispanic); lack of effective contraceptive use/family planning practices; lack of education/counseling regarding contraceptive use/family planning; previous teen pregnancy; initiation of sexual activity at a young age

THE FOLLOWING THREE TABLES STRATIFY TEEN BIRTHS BY AGE GROUP

Births to adolescent females younger than 15 years of age

	California				County				Females < 15 (i.e. 10 - 14)
			95% Confidence Interval				95% Confidence Interval		DENOMINATOR:
Year	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper	State County
1990	1,390	1.4	1.4	1.5	516	1.8	1.7	2.0	965,280 285,643
1991	1,469	1.5	1.4	1.5	513	1.8	1.6	1.9	1,006,755 292,429
1992	1,595	1.5	1.5	1.6	554	1.9	1.7	2.0	1,035,273 296,781
1993	1,572	1.5	1.4	1.6	550	1.8	1.7	2.0	1,063,935 301,160
1994	1,687	1.6	1.5	1.6	544	1.8	1.6	1.9	1,085,865 306,055
1995	1,640	1.5	1.4	1.6	550	1.8	1.6	1.9	1,099,978 308,833
1996	1,485	1.3	1.3	1.4	477	1.5	1.4	1.7	1,114,798 313,049
1997	1,256	1.1	1.0	1.2	408	1.3	1.1	1.4	1,145,701 322,971
1998	1,066	0.9	0.9	1.0	337	1.0	0.9	1.1	1,172,868 332,159

Note: *This indicator addresses live births as opposed to pregnancies.

Sources: 1990-1998 birth records from California Department of Health Services, Center for Health Statistics
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

TITLE V INDICATOR TEMPLATES

INDICATOR: Teen births (continued)

Births to adolescent females 15 to 17 years of age

	California				County			
			95% Confidence Interval				95% Confidence Interval	
Year	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1990	24,828	44.2	43.7	44.7	8,814	50.6	49.5	51.6
1991	25,914	46.5	45.9	47.0	9,078	53.4	52.3	54.4
1992	25,967	45.6	45.1	46.2	8,808	51.6	50.6	52.7
1993	26,301	45.8	45.3	46.4	8,629	51.4	50.3	52.4
1994	26,378	45.2	44.7	45.8	8,576	51.3	50.2	52.3
1995	25,821	42.9	42.4	43.4	8,369	49.4	48.4	50.4
1996	24,047	38.3	37.8	38.8	7,741	44.4	43.4	45.4
1997	23,064	35.7	35.2	36.1	7,237	40.5	39.6	41.5
1998	21,630	32.6	32.2	33.0	6,770	37.2	36.3	38.1

Year	DENOMINATOR: Females 15-17		NUMERATOR: Births to 15-17 year olds					
	State	County	State Births, 15 year olds	State Births, 16 year olds	State Births, 17 year olds	Births, 15 year olds	County Births, 16 year olds	County Births, 17 year olds
1990	561,743	174,335	3,807	7,898	13,123	1,341	2,808	4,665
1991	557,492	170,138	3,952	8,545	13,417	1,380	3,030	4,668
1992	569,137	170,568	4,070	8,547	13,350	1,339	2,918	4,551
1993	573,941	167,905	4,279	8,641	13,381	1,383	2,827	4,419
1994	583,290	167,270	4,335	8,701	13,342	1,419	2,771	4,386
1995	602,236	169,393	4,182	8,560	13,079	1,386	2,775	4,208
1996	627,740	174,348	3,886	8,093	12,068	1,251	2,655	3,835
1997	646,663	178,522	3,645	7,557	11,862	1,143	2,421	3,673
1998	663,642	181,901	3,215	7,094	11,321	1,002	2,227	3,541

Note: *This indicator addresses live births as opposed to pregnancies.

Sources: 1990-1998 birth records from California Department of Health Services,
Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population
Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

TITLE V INDICATOR TEMPLATES

INDICATOR: Teen births (continued)

Births to adolescent females 18 to 19 years of age

	California				County			
			95% Confidence Interval				95% Confidence Interval	
Year	Number	Rate	Lower	Upper	Number	Rate	Lower	Upper
1990	44,732	103.6	102.7	104.5	15,131	111.6	109.9	113.3
1991	44,408	109.0	108.1	110.0	15,243	122.6	120.8	124.4
1992	43,305	109.0	108.1	110.0	14,608	122.6	120.7	124.4
1993	42,218	109.1	108.1	110.1	13,999	123.4	121.5	125.3
1994	41,820	107.8	106.9	108.8	13,515	120.4	118.5	122.3
1995	40,823	105.0	104.0	105.9	13,243	120.1	118.2	122.0
1996	39,071	98.6	97.7	99.5	12,217	111.6	109.8	113.5
1997	36,787	90.1	89.3	91.0	11,293	102.2	100.4	104.0
1998	36,511	85.1	84.2	85.9	11,153	97.3	95.6	99.0

Year	DENOMINATOR: Females 18-19		NUMERATOR: Births to 18 - 19 year olds			
	State	County	State Births, 18 year olds	State Births, 19 year olds	County Births, 18 year olds	County Births, 19 year olds
1990	431,798	135,572	18,981	25,751	6,538	8,593
1991	407,276	124,307	19,423	24,985	6,765	8,478
1992	397,128	119,170	18,779	24,526	6,440	8,168
1993	387,000	113,474	18,638	23,580	6,173	7,826
1994	387,800	112,212	18,548	23,272	6,046	7,469
1995	388,944	110,278	18,017	22,806	5,810	7,433
1996	396,205	109,454	17,048	22,023	5,274	6,943
1997	408,132	110,462	16,132	20,655	4,952	6,341
1998	429,256	114,609	16,018	20,493	4,944	6,209

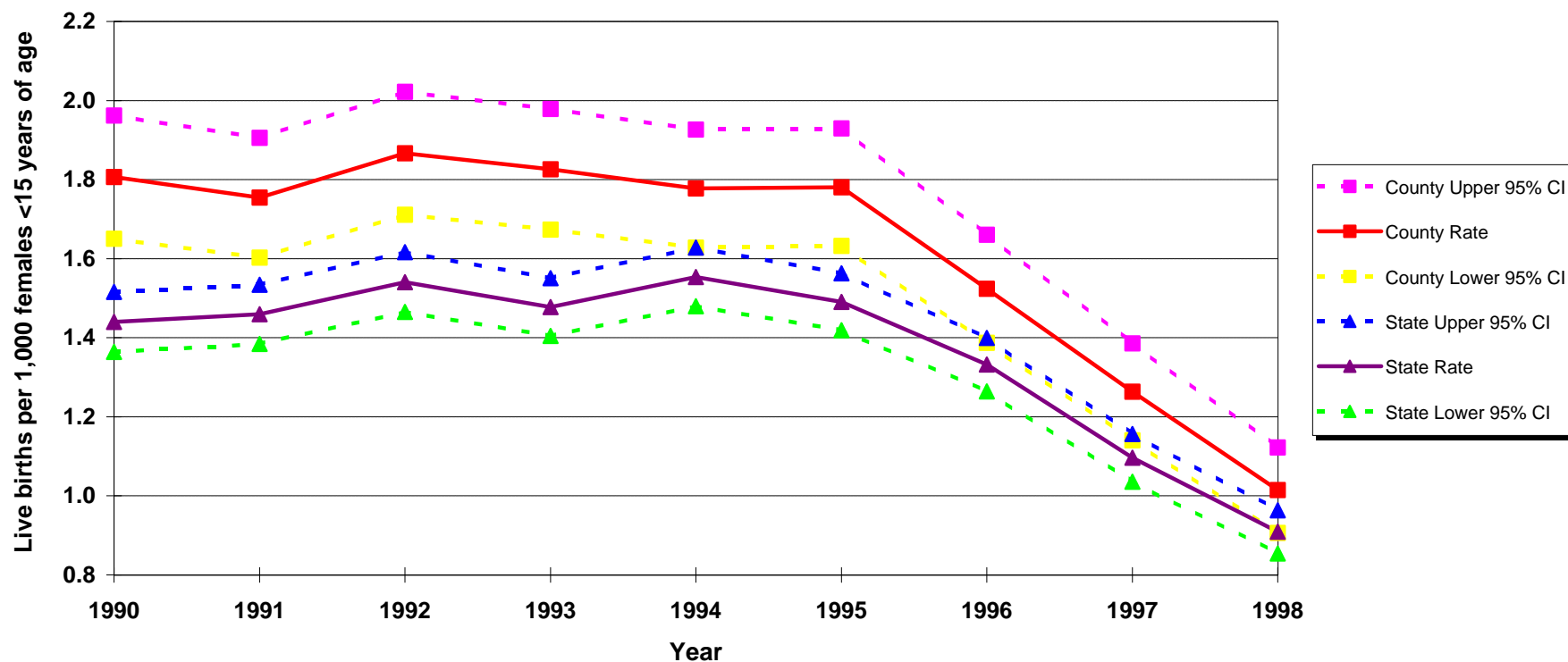
Note: *This indicator addresses live births as opposed to pregnancies.

Sources: 1990-1998 birth records from California Department of Health Services, Center for Health Statistics

Denominator data: State of California, Department of Finance, Race/Ethnic Population

Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

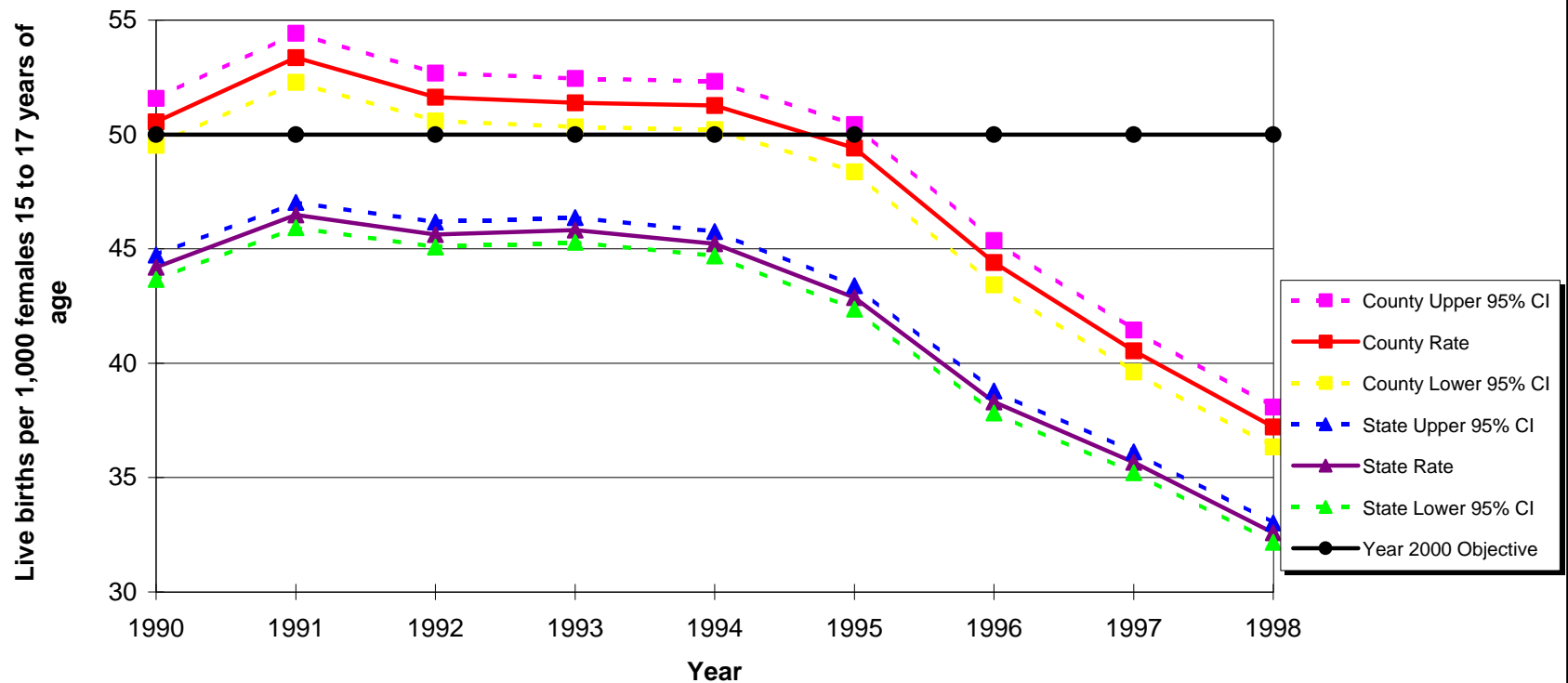
Live Births per 1,000 Adolescent Females Less Than 15 Years of Age California vs. Los Angeles County, 1990 - 1998



Note: *This indicator addresses live births as opposed to pregnancies.

Sources: 1990-1998 birth records from California Department of Health Services, Center for Health Statistics
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

Live Births per 1,000 Adolescent Females 15 to 17 Years of Age California vs. Los Angeles County, 1990 - 1998

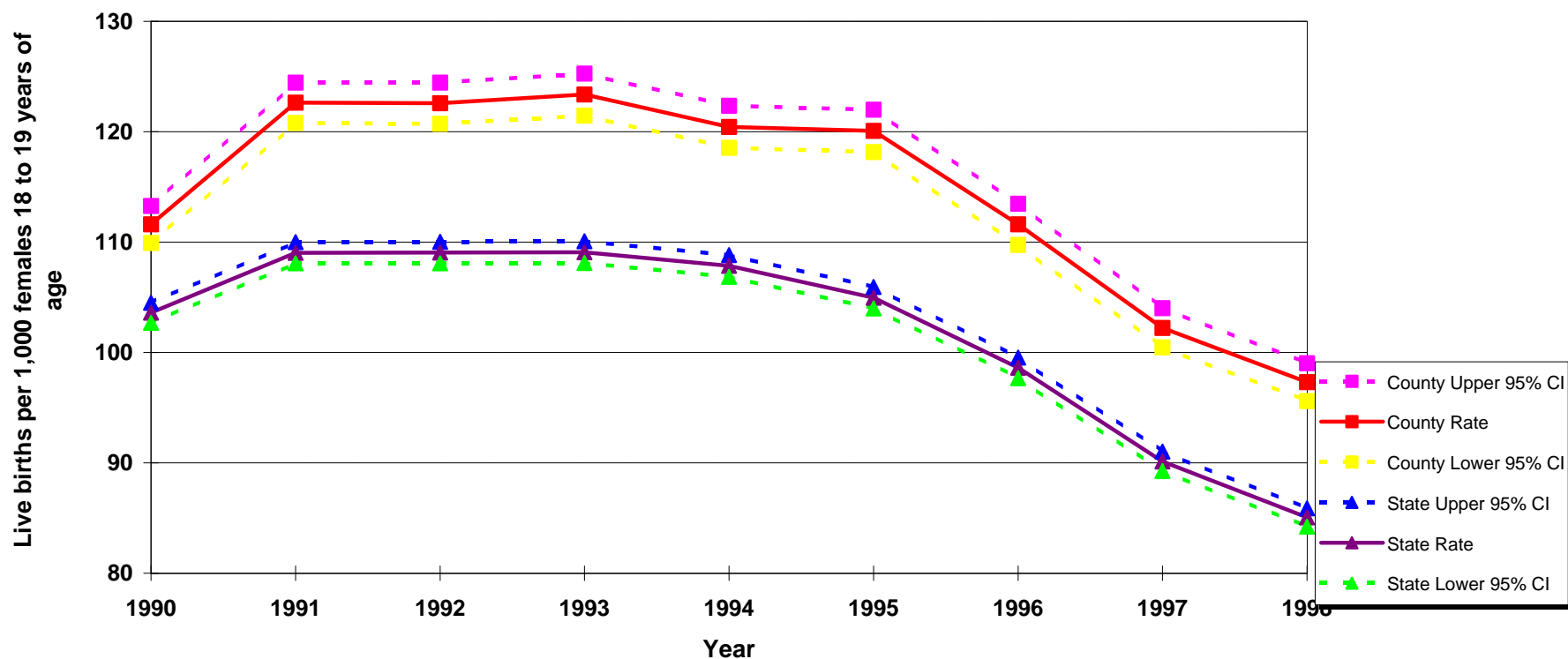


Year 2000 Objective: Reduce pregnancies among girls aged 17 and younger to no more than 50 per 1,000 adolescents.

Note: *This indicator addresses live births as opposed to pregnancies.

Sources: 1990-1998 birth records from California Department of Health Services, Center for Health Statistics
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

Live Births per 1,000 Adolescent Females 18 to 19 Years of Age California vs. Los Angeles County, 1990 - 1998

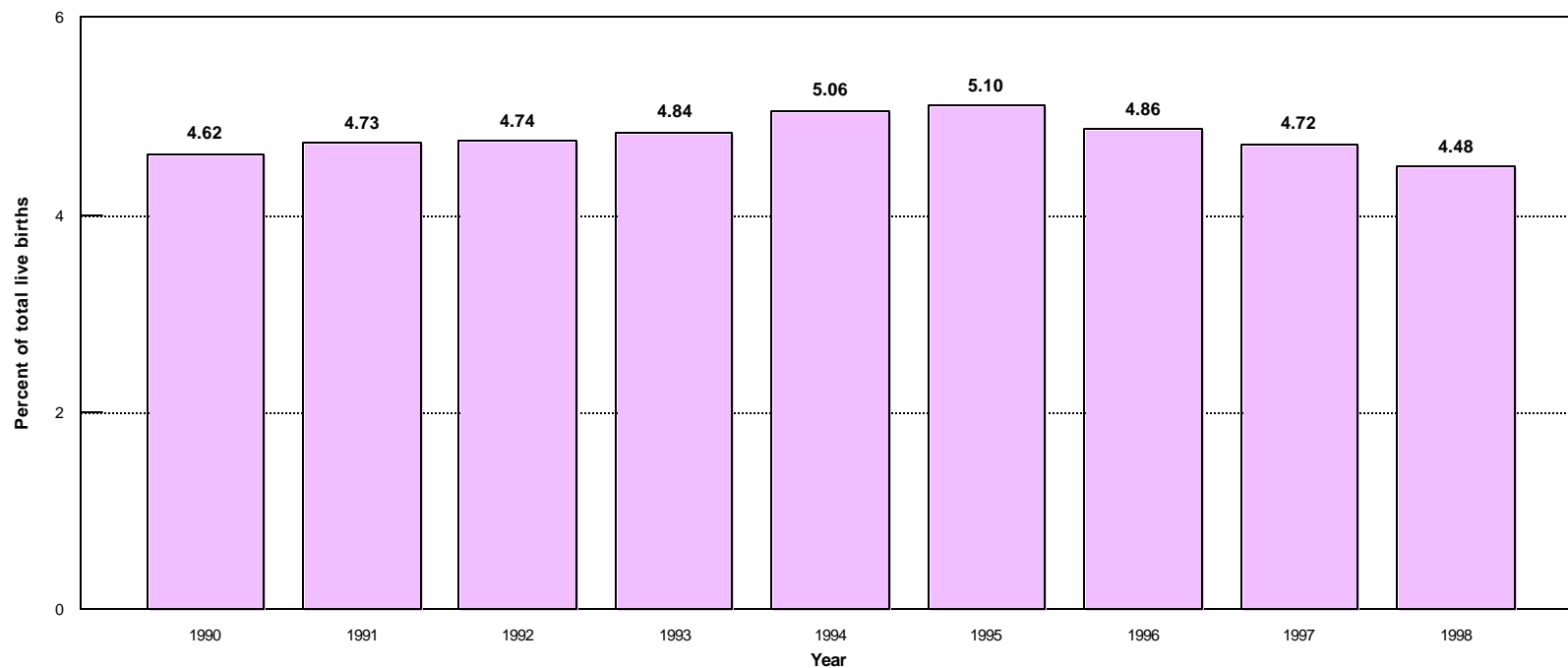


Note: *This indicator addresses live births as opposed to pregnancies.

Sources: 1990-1998 birth records from California Department of Health Services, Center for Health Statistics
Denominator data: State of California, Department of Finance, Race/Ethnic Population Estimates with Age and Sex Details, 1970-2040, Sacramento, California, December, 1998

Live Births to Mothers Less Than 18 Years Old as Percent of Total Live Births

Los Angeles County, 1990 - 1998

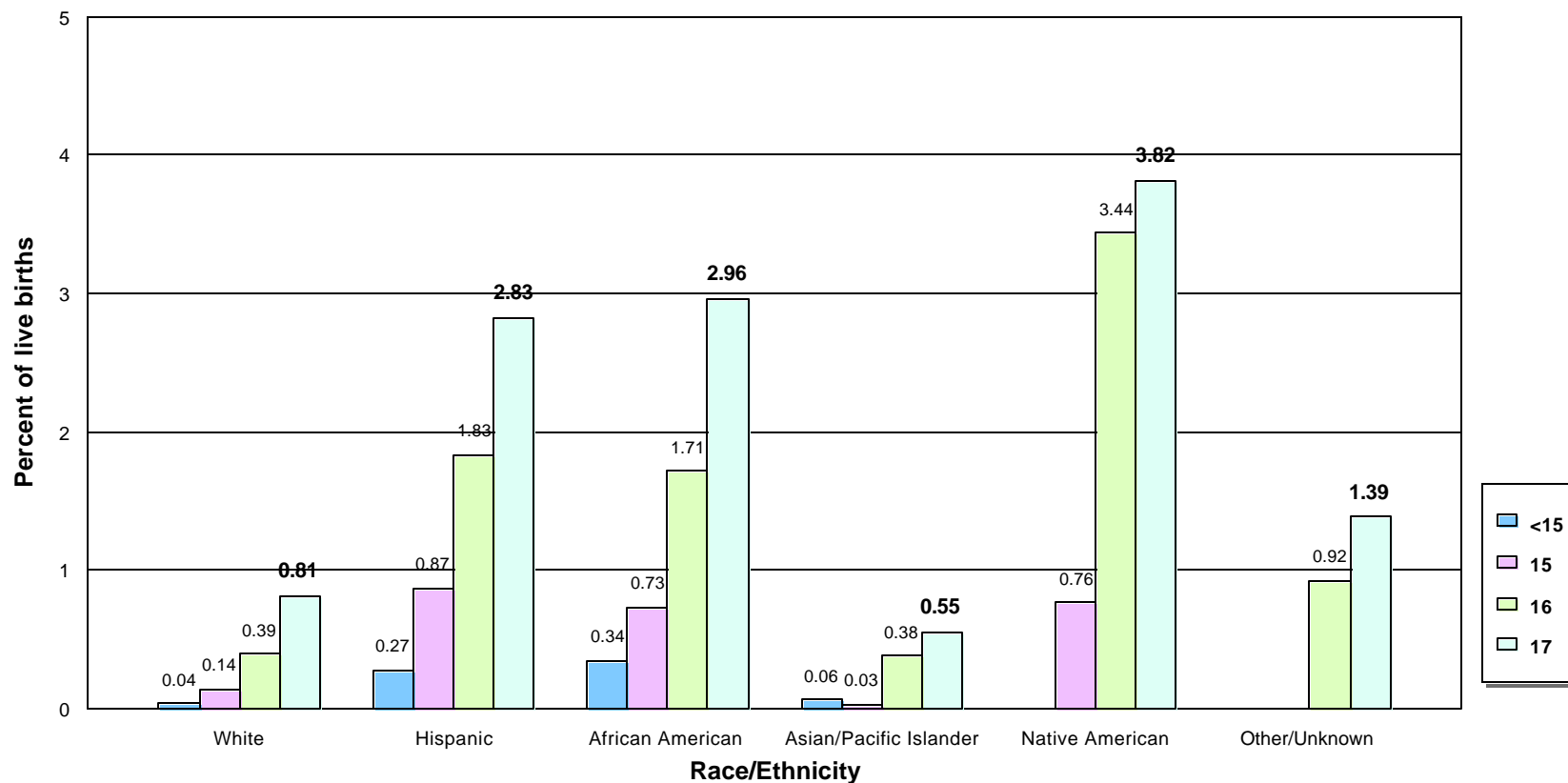


	Year																	
	1990		1991		1992		1993		1994		1995		1996		1997		1998	
Live Births	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 18	9,330	4.62	9,591	4.73	9,362	4.74	9,179	4.84	9,120	5.06	8,919	5.10	8,218	4.86	7,645	4.72	7,107	4.48
Total	202,124	100.00	202,737	100.00	197,415	100.00	189,706	100.00	180,394	100.00	174,862	100.00	168,973	100.00	162,036	100.00	158,604	100.00

Source: 1990-1998 birth records from the California Department of Health Services, Center for Health Statistics

Percent of Live Births to Mothers Less Than 18 Years Old by Mother's Race/Ethnicity*

Los Angeles County, 1998



Live Births	Race/Ethnicity											
	White		Hispanic		African American		Asian**/Pacific Islander		Native American		Other/Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<15	11	0.04	268	0.27	49	0.34	9	0.06	0	0.00	0	0.00
15	43	0.14	849	0.87	104	0.73	4	0.03	2	0.76	0	0.00
16	120	0.39	1,793	1.83	244	1.71	57	0.38	9	3.44	4	0.92
17	248	0.81	2,772	2.83	422	2.96	83	0.55	10	3.82	6	1.39
Total	30,621	100.00	98,074	100.00	14,246	100.00	14,968	100.00	262	100.00	433	100.00

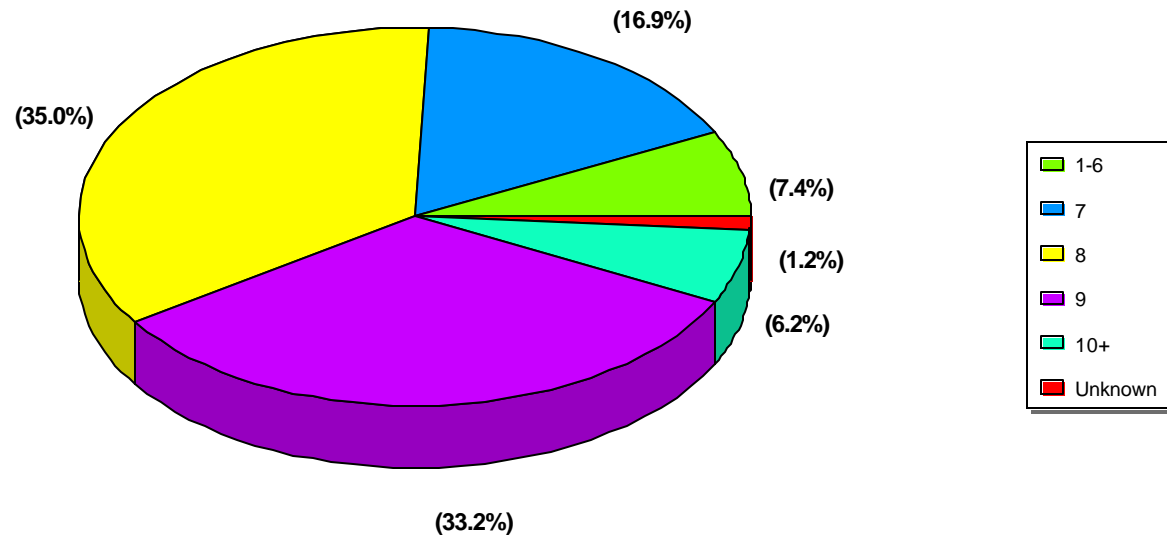
* White, African American, Asian, Pacific Islander, Native American and other races exclude Hispanic ethnicity

Hispanic includes any race category

** Filipino is included in Asian

Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Percent of Live Births to Mothers Less Than 15 Years Old by Years of Education
Los Angeles County, 1998



Years of Education													
None		1-6		7		8		9		10 +		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
0	0.00	25	7.42	57	16.91	118	35.01	112	33.23	21	6.23	4	1.19

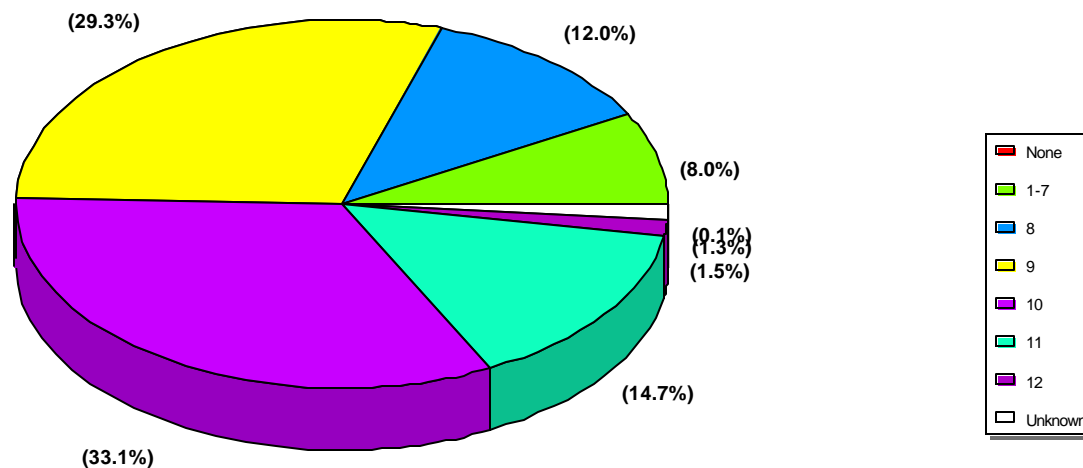
Note: Total live births to mothers less than 15 years old in Los Angeles County, 1998 = 337

10+ : Those who had 10th grade education or higher (includes 8 births whose mother had higher than 10th grade education).

Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Percent of Live Births to Mothers Less Than 17 Years Old by Years of Education

Los Angeles County, 1998

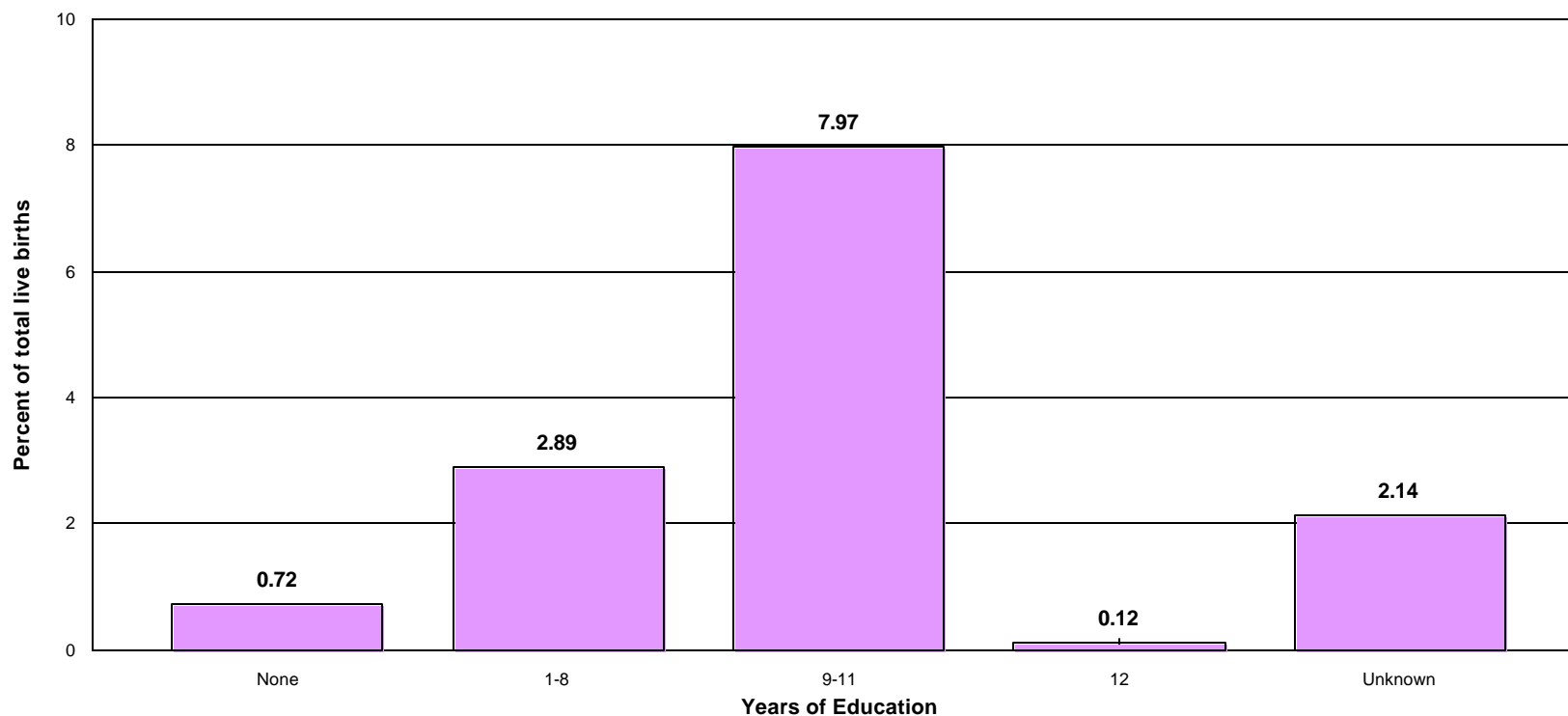


Years of Education															
None		1-7		8		9		10		11		12		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
4	0.11	287	8.05	427	11.97	1,044	29.28	1,181	33.12	523	14.67	52	1.46	48	1.35

Note: Total live births to mothers less than 17 years old in Los Angeles County, 1998 = 3,566
Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Live Births to Mothers Less Than 17 Years Old, as Percent of Total Live Births, by Years of Education

Los Angeles County, 1998

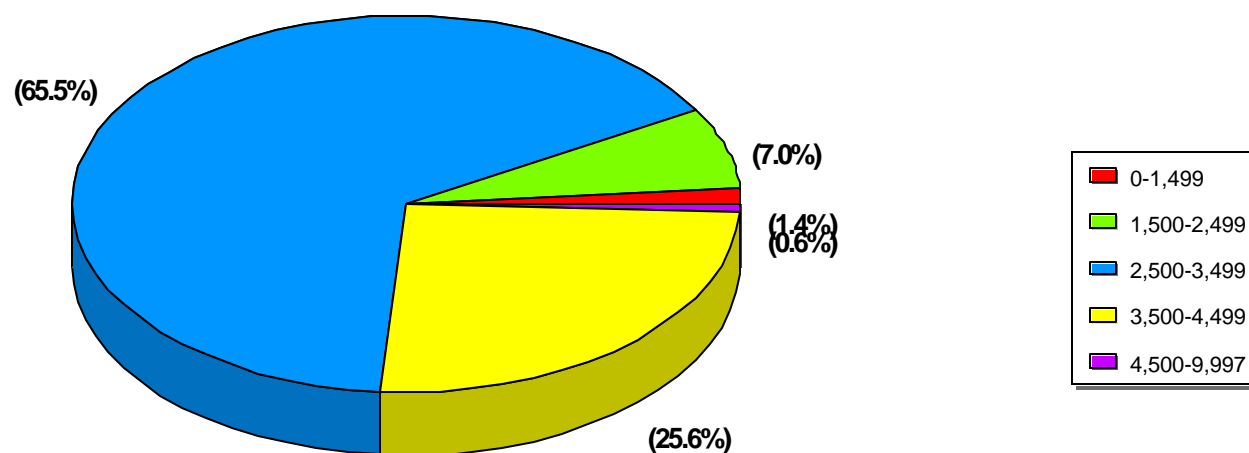


	Years of Education									
	None		1-8		9-11		12		Unknown	
Live Births	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	4	0.72	714	2.89	2,748	7.97	52	0.12	48	2.14
Total	555	100.00	24,684	100.00	34,480	100.00	44,208	100.00	2,243	100.00

Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Percent of Live Births to Mothers Less Than 17 Years Old by Birthweight

Los Angeles County, 1998

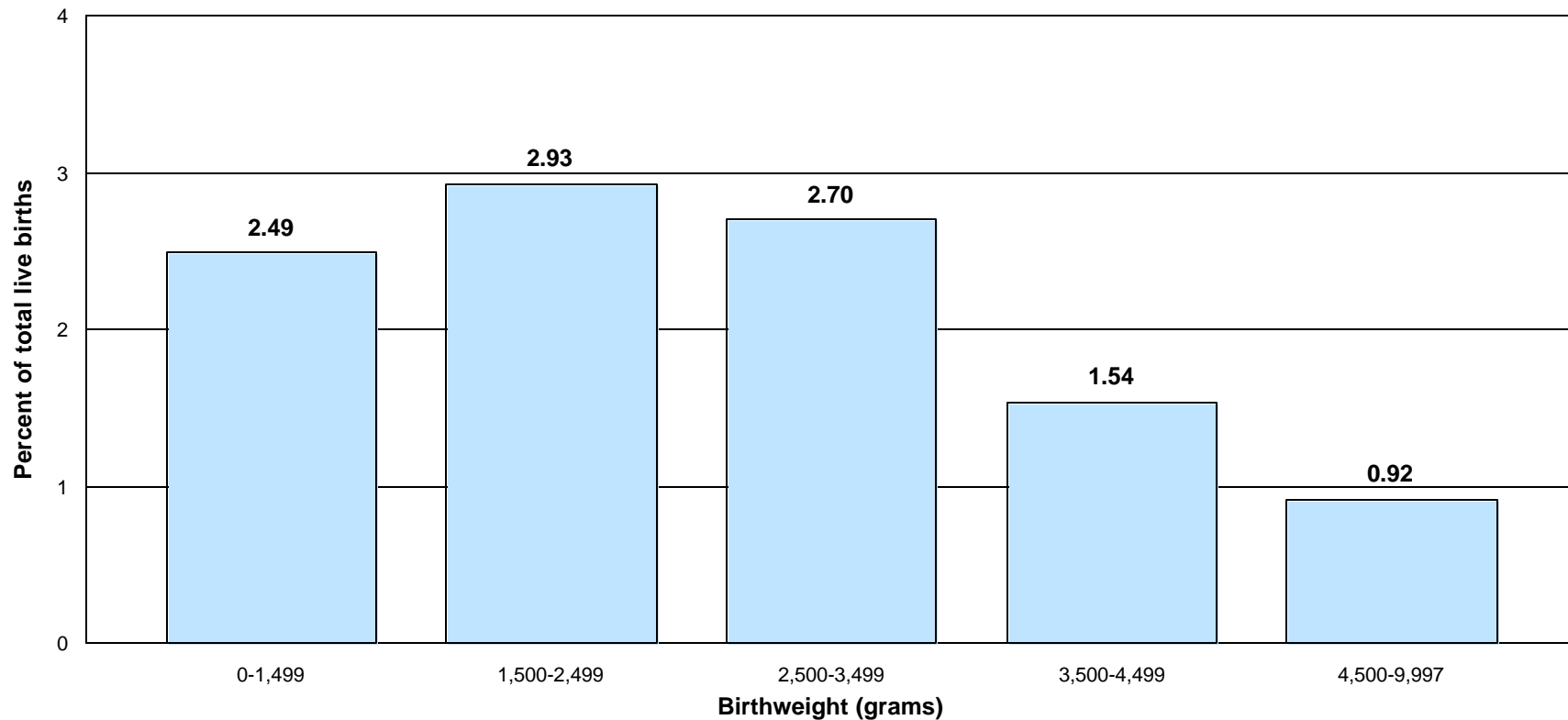


Birthweight (grams)									
0-1,499		1,500-2,499		2,500-3,499		3,500-4,499		4,500-9,997	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
48	1.35	248	6.95	2,335	65.48	912	25.57	23	0.64

Note: Total live births to mothers less than 17 years old in Los Angeles County, 1998 = 3566
Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Live Births to Mothers Less Than 17 Years Old, as Percent of Total Live Births, by Birthweight

Los Angeles County, 1998



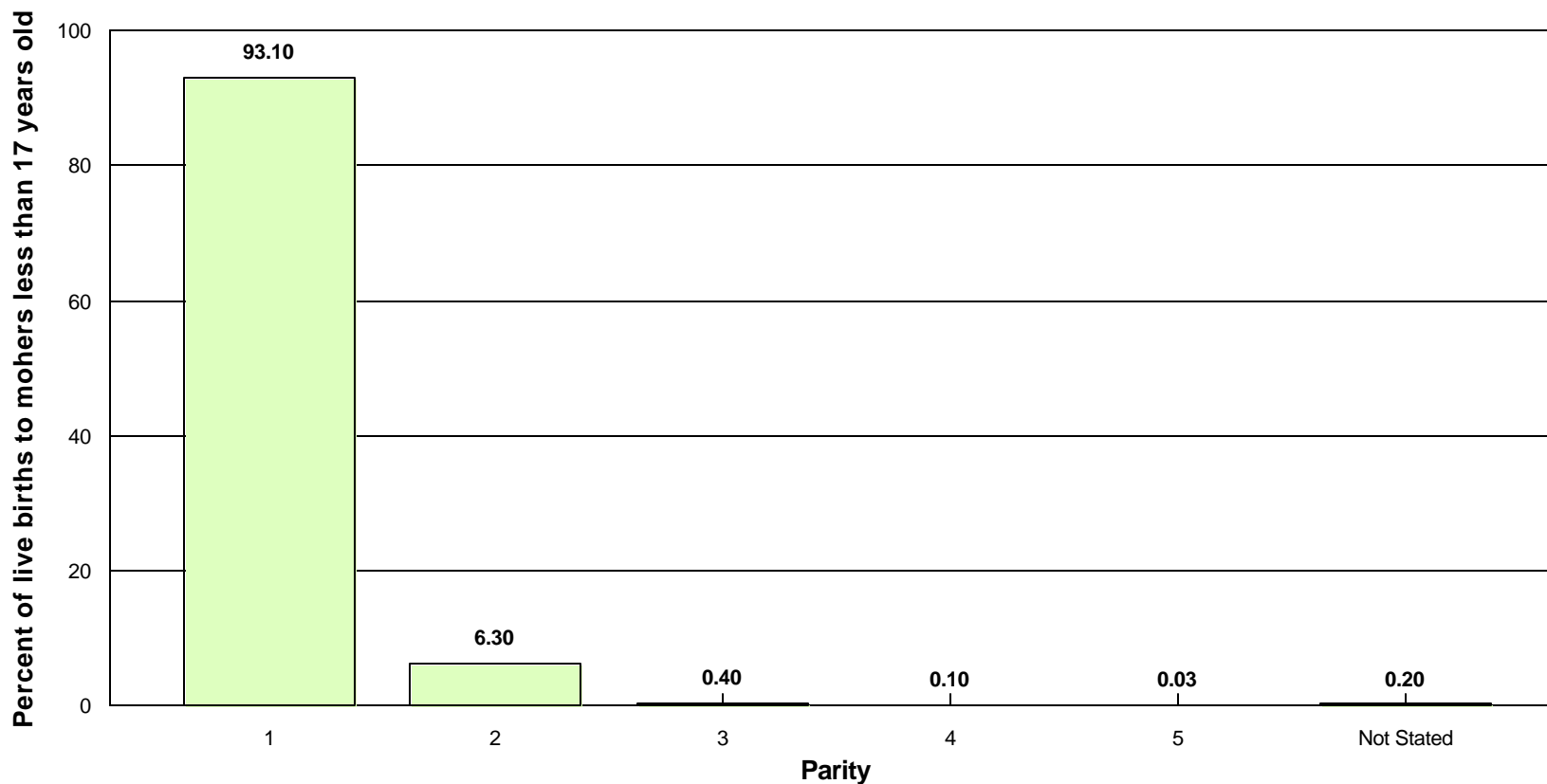
	Birthweight (grams)									
	0-1,499		1,500-2,499		2,500-3,499		3,500-4,499		4,500-9,997	
Live Births	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	48	2.48	248	2.93	2,335	2.70	912	1.54	23	0.92
Total	1,932	100.00	8,476	100.00	86,633	100.00	59,052	100.00	2,509	100.00

Note: Total live births in Los Angeles County = 158,604

Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Percent of Live Births to Mothers Less Than 17 Years Old by Parity

Los Angeles County, 1998



Parity											
1		2		3		4		5		Not Stated	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
3,320	93.10	223	6.25	13	0.36	2	0.06	1	0.03	7	0.20

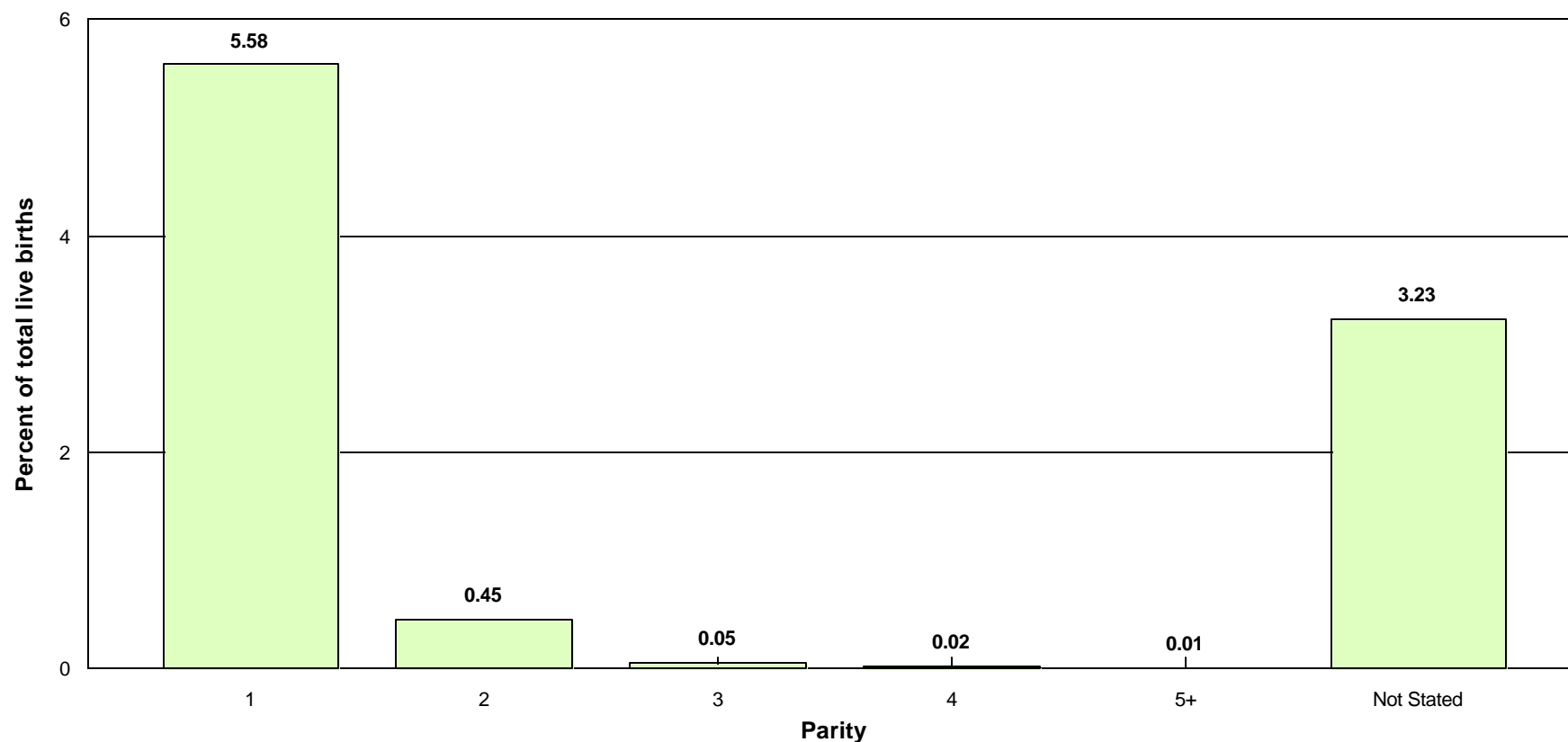
Note: Total live births to mothers less than 17 years old in Los Angeles County, 1998=3566

Parity = number of pregnancies resulting in live births to a woman

Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Live Births to Mothers Less Than 17 Years Old, as Percent of Total Live Births, by Parity

Los Angeles County, 1998



	Parity											
	1		2		3		4		5+		Not Stated	
Live Births	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	3,320	5.58	223	0.45	13	0.05	2	0.02	1	0.01	7	3.23
Total	59,482	100.00	49,634	100.00	28,084	100.00	12,290	100.00	8,897	100.00	217	100.00

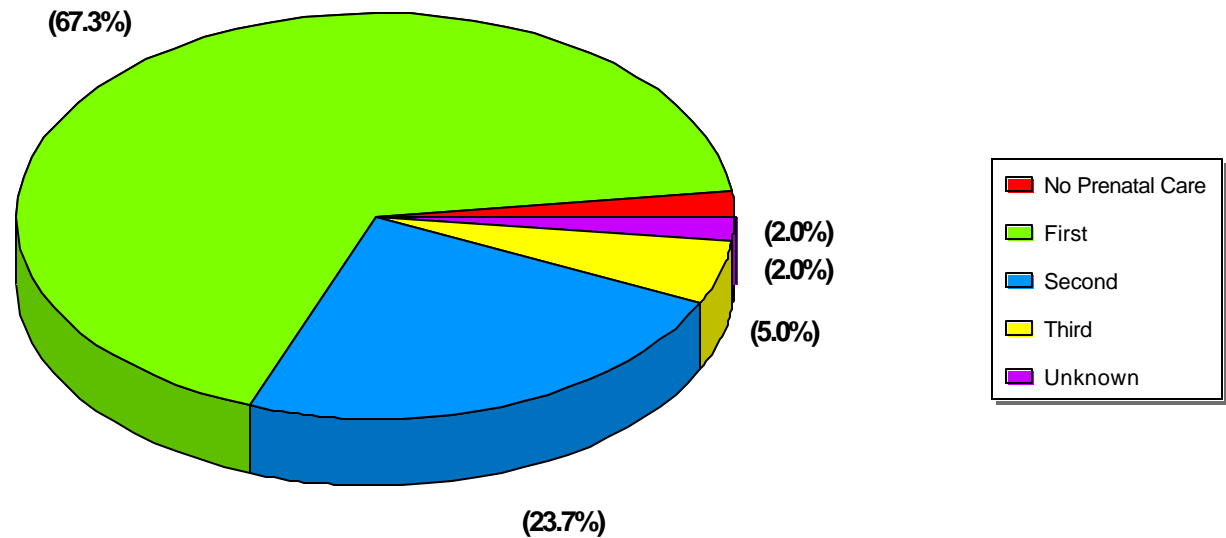
Note: Total live births in Los Angeles County = 158,604

Parity = number of pregnancies resulting in live births to a woman

Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Percent of Live Births to Mothers Less Than 17 Years Old by Trimester Prenatal Care Began

Los Angeles County, 1998



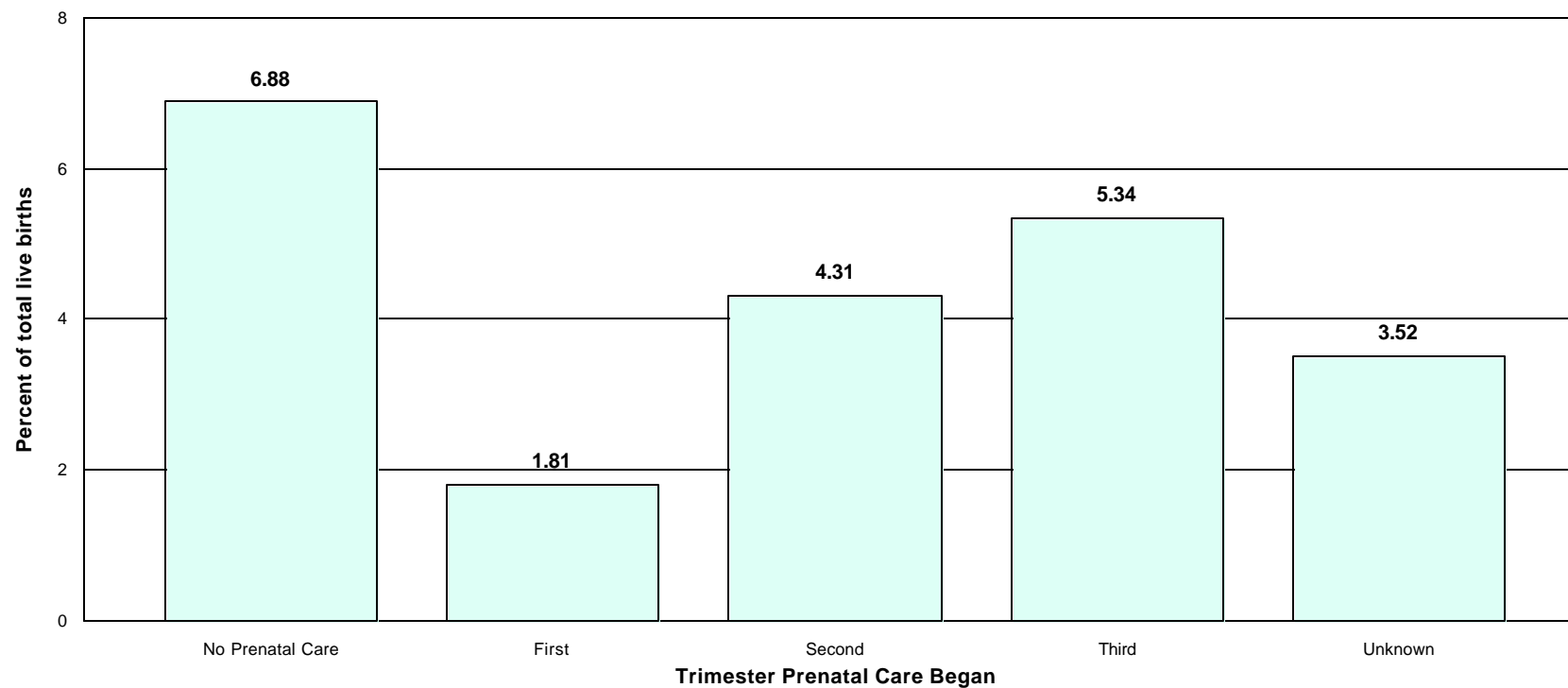
Trimester Prenatal Care Began									
No Prenatal Care		First		Second		Third		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
72	2.02	2,401	67.33	844	23.67	177	4.96	72	2.02

Note: Total live births to mothers less than 17 years old in Los Angeles County, 1998=3566

Source: 1998 births records from the California Department of Health Services, Center for Health Statistics

Live Births to Mothers Less Than 17 Years Old, as Percent of Total Live Births, by Trimester Prenatal Care Began

Los Angeles County, 1998



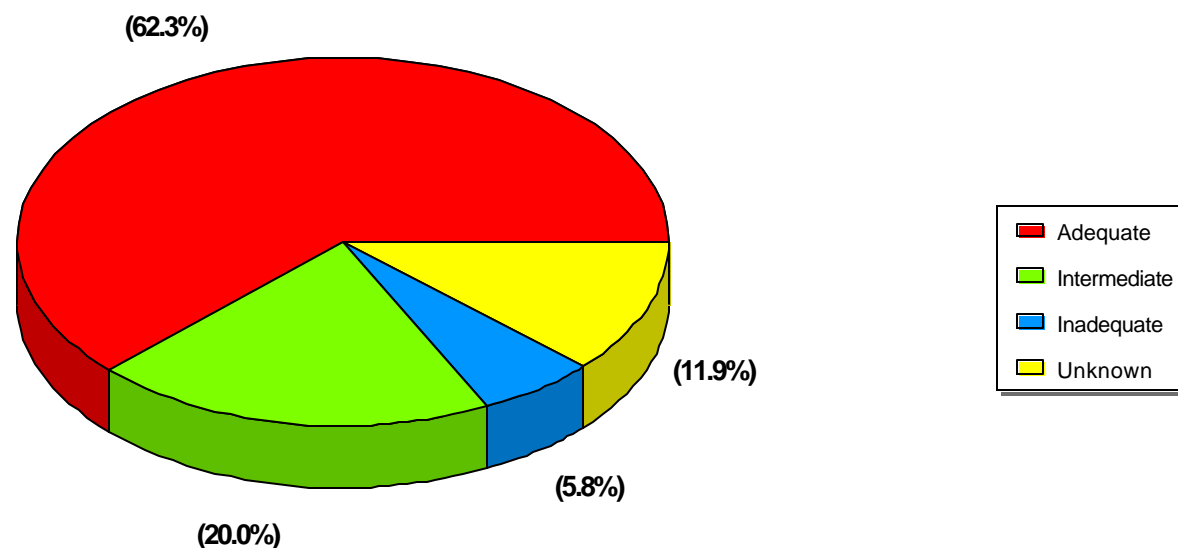
	Trimester Prenatal Care Began									
	No Prenatal Care		First		Second		Third		Unknown	
Live Births	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	72	6.88	2,401	1.81	844	4.31	177	5.34	72	3.52
Total	1,046	100.00	132,607	100.00	19,590	100.00	3,315	100.00	2,046	100.00

Note: Total live births in Los Angeles County =158,604

Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Percent of Live Births to Mothers Less Than 17 Years Old by Kessner Index

Los Angeles County, 1998



Kessner Index							
Adequate		Intermediate		Inadequate		Unknown	
Number	Percent	Number	Percent	Number	Percent	Number	Percent
2,221	62.28	715	20.05	207	5.80	423	11.86

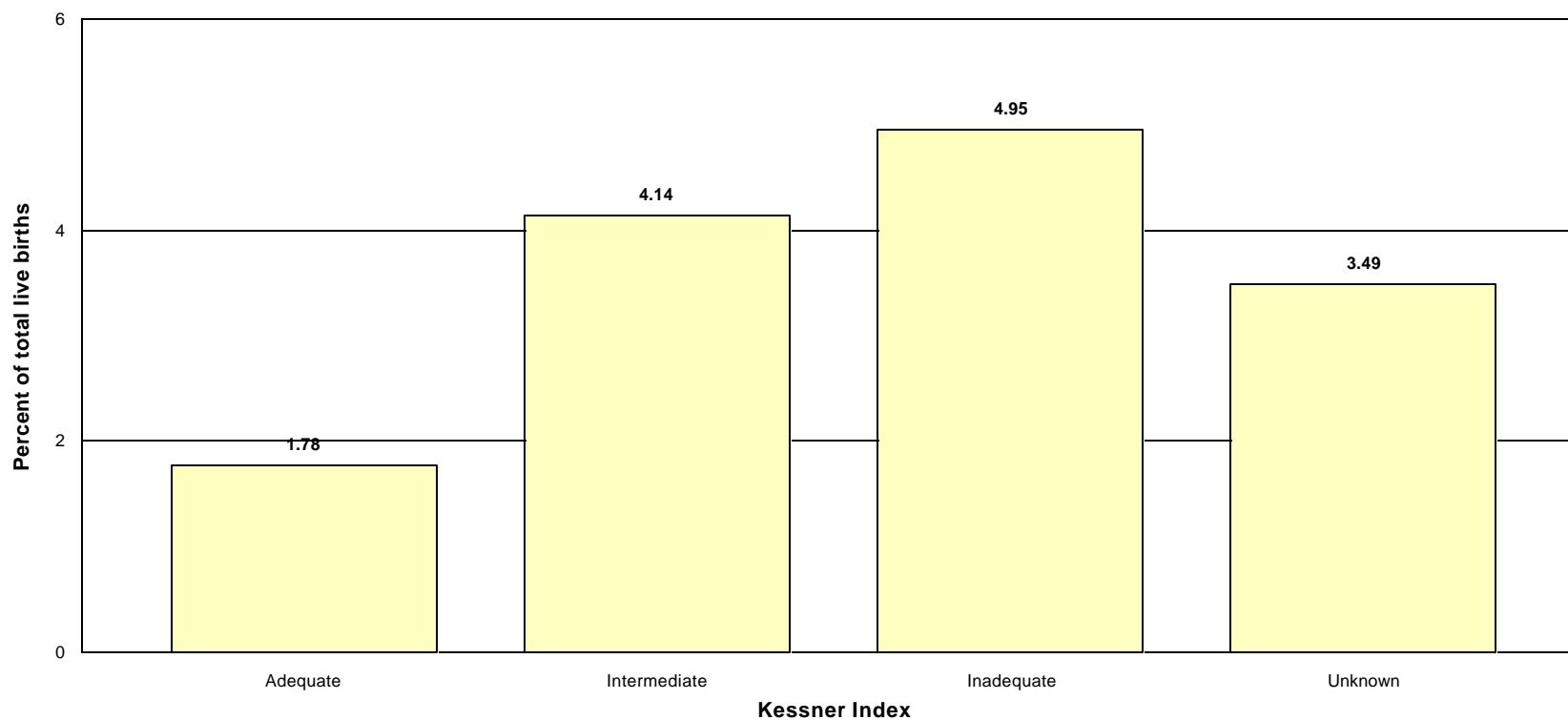
Note: Total live births to mothers less than 17 years old in Los Angeles County, 1998 = 3,972

The Kessner Index takes into account three factors: month in which prenatal care began, number of prenatal visits, and length of gestation. This measure excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

Source: 1998 birth record from the California Department of Health Services, Center for Health Statistics

Live Births to Mothers Less Than 17 Years Old, as Percent of Total Live Births, by Kessner Index

Los Angeles County, 1998



Live Births	Kessner Index							
	Adequate		Intermediate		Inadequate		Unknown	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
< 17	2,221	1.78	715	4.14	207	4.95	423	3.49
Total	125,042	100.00	17,271	100.00	4,182	100.00	12,109	100.00

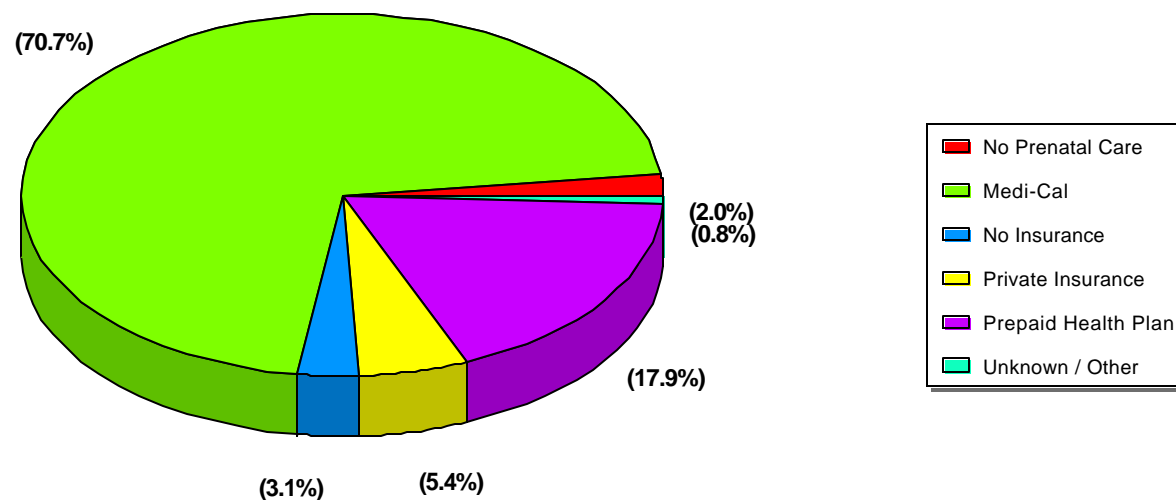
Note: Total live births in Los Angeles County 1998= 158, 604

The Kessner Index takes into account three factors: month in which prenatal care began, number of prenatal visits, and length of gestation. This measure excludes the prenatal care experiences of all women whose pregnancies did not result in a live birth.

Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Percent of Live Births to Mothers Less Than 17 Years by Payment Source for Prenatal Care

Los Angeles County, 1998

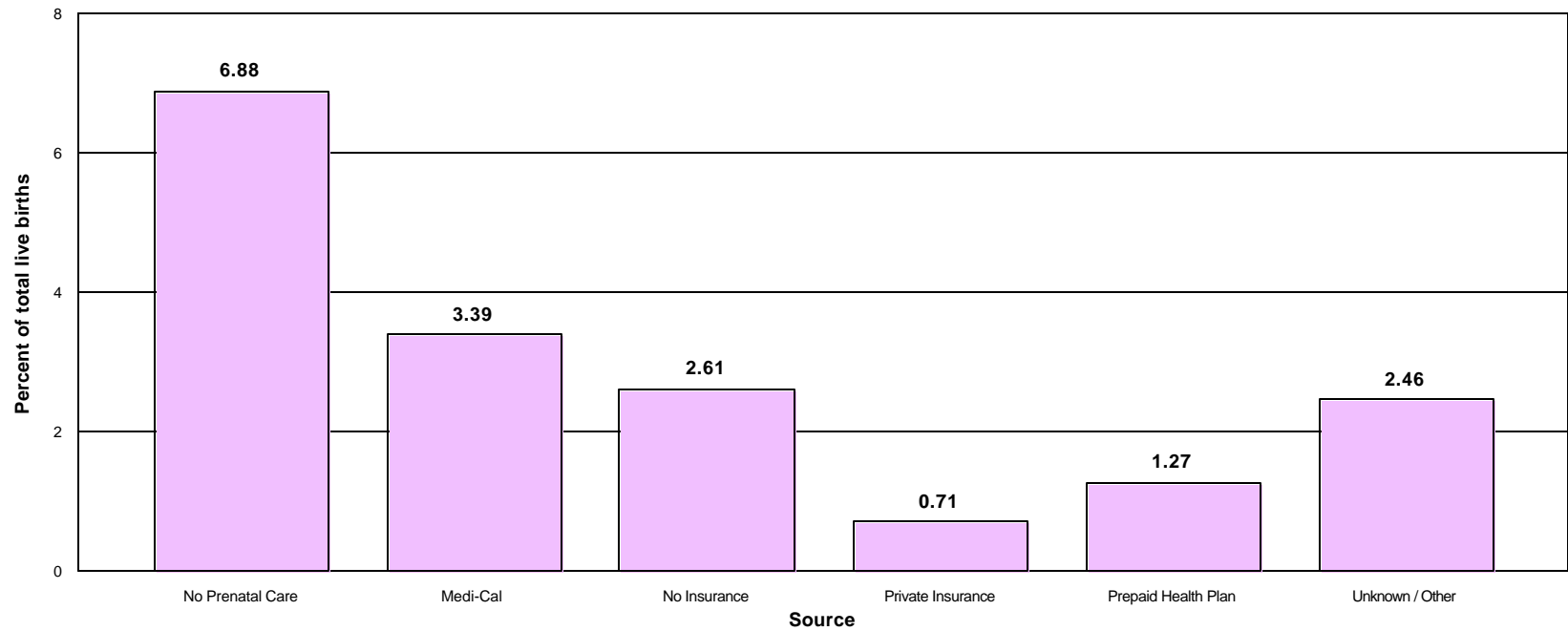


Source of Payment											
No Prenatal Care		Medi-Cal		No Insurance		Private Insurance		Prepaid Health Plan		Unknown/Other	
Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
72	2.02	2,522	70.72	112	3.14	194	5.44	638	17.89	28	0.79

Note: Total live births to mothers less than 17 years old in Los Angeles County, 1998=3,566
Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Live Births to Mothers Less Than 17 Years Old, as Percent of Total Live Births, by Payment Source for Prenatal Care

Los Angeles County, 1998

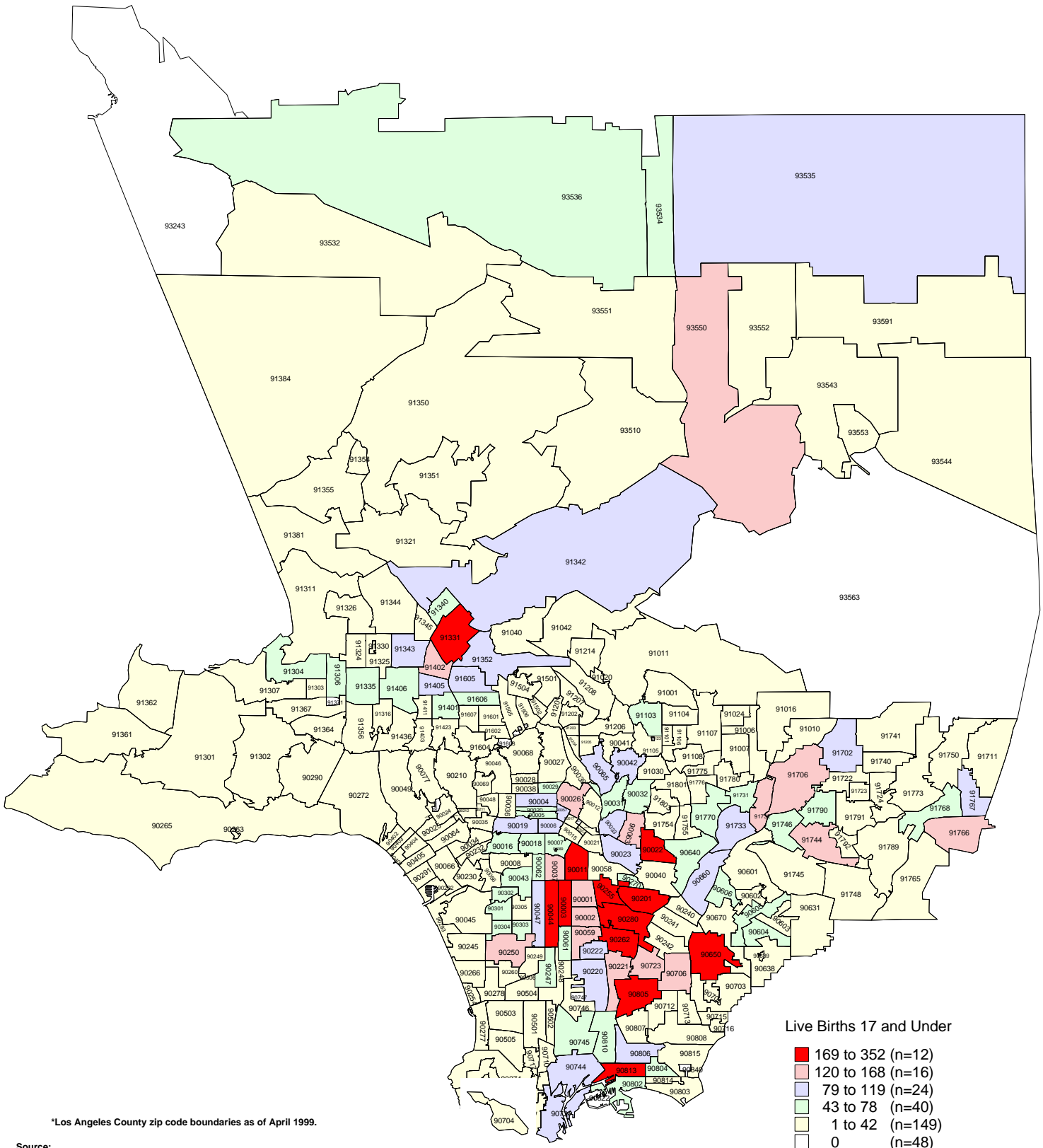


Source of Payment												
Live Births	No Prenatal Care		Medi-Cal		No Insurance		Private Insurance		Prepaid Health Plan		Unknown/Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<17	72	6.88	2,522	3.39	112	2.61	194	0.71	638	1.27	28	2.46
Total	1,046	100.00	74,468	100.00	4,291	100.00	27,248	100.00	50,411	100.00	1,140	100.00

Note: Total live births in Los Angeles County = 158,604
Source: 1998 birth records from the California Department of Health Services, Center for Health Statistics

Number of Live Births to Mothers Less Than 18 Years Old by Zip Code*

Los Angeles County, 1998



*Los Angeles County zip code boundaries as of April 1999.

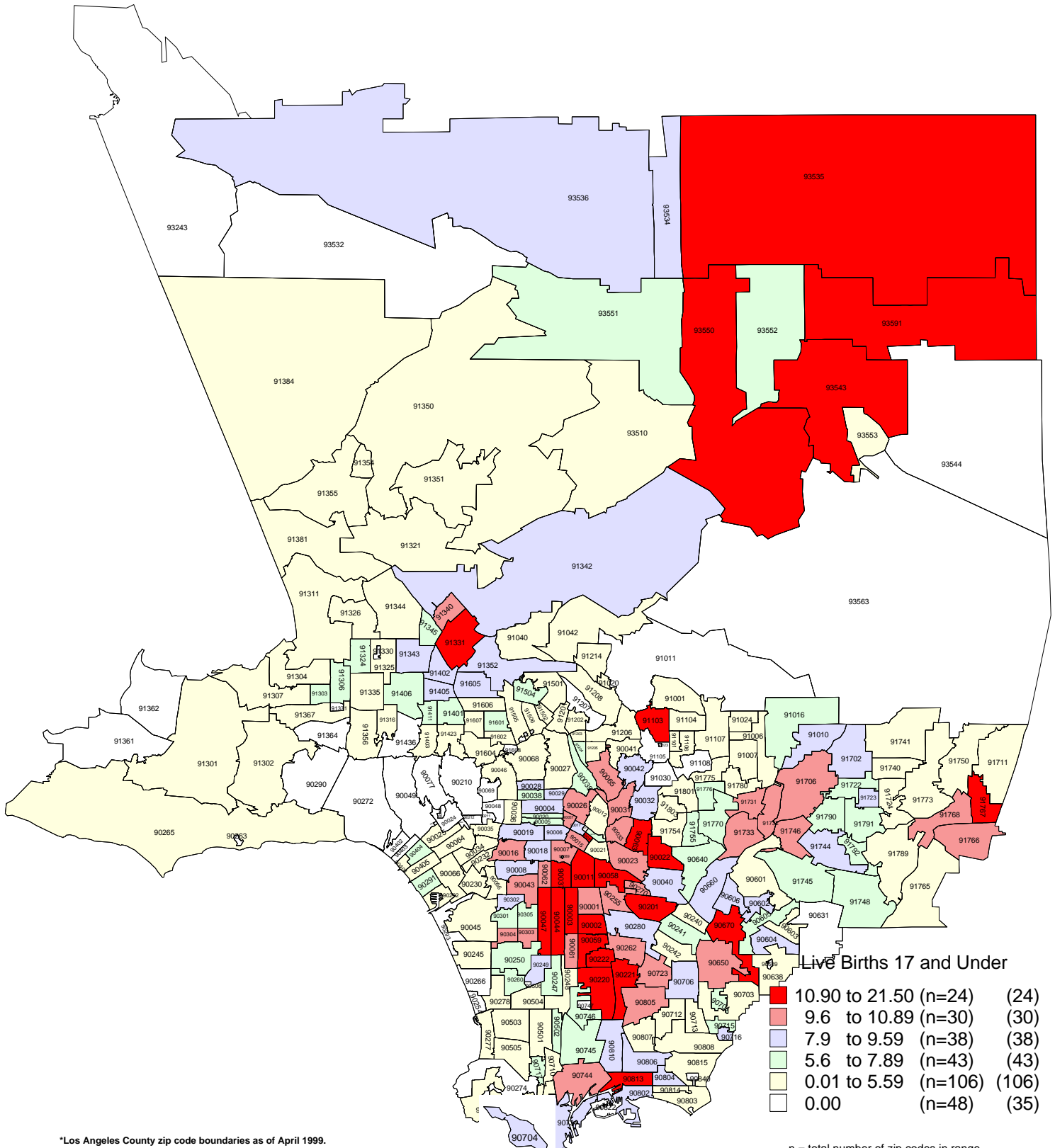
Source:
Los Angeles County Department of Health Services,
Family Health Programs, Epidemiology Assessment Unit

Based on 1998 birth records from California Department of Health Services,
Center for Health Statistics

n = total number of zip codes in range

Percent of Live Births to Mothers Less Than 18 Years Old by Zip Code*

Los Angeles County, 1998



*Los Angeles County zip code boundaries as of April 1999.

Source: Los Angeles County Department of Health Services,
Family Health Programs, Epidemiology Assessment Unit

Based on 1998 birth records from California Department of Health Services,
Center for Health Statistics

n = total number of zip codes in range